PROJECT NAME: Secondary Water System

RECIPIENT: The City of Herriman

LOCATION: The City of Herriman, UT

PURPOSE: The City of Herriman is committed to providing a secondary water system to reduce the use of culinary water for outdoor irrigation. As a demonstration of this commitment, in the summer of 2008, the City completed construction of a 62-acre foot reservoir—Blackridge—to provide pressurized irrigation. To meet the expanding needs for water, the City, in conjunction with the South Valley Sewer District, is exploring ways to collect and treat sewer water within the City limits for outdoor irrigation, resulting in significant savings in pumping and water lifting costs.

To best utilize the Blackridge Reservoir, which was built in conjunction with the City of Riverton, Herriman City is seeking funding to construct the gravity-fed pipe system to move the water from the reservoir to the City's secondary water system. Federal funds would be used to construct the gravity-fed pipe system to move water from the newly-constructed Blackridge Reservoir to the City's secondary water system which, when complete, will significantly improve the quality of the irrigation and secondary water used by Herriman residents, extend the watering season by a significant margin, and reduce demand on the culinary water supply in the region. Most of the funding would be used to complete the gravity-fed transmission lines, but a small part of the funding would purchase a new meter station for the secondary water system.

This project meets the goals of the Clean Water Act (CWA), which is the cornerstone of surface water quality protection in the United States. The CWA was enacted with the goal of sharply reducing direct pollutant discharges into waterways, finance municipal wastewater treatment facilities, and manage polluted runoff, with the broader goal of restoring and maintaining the chemical, physical, and biological integrity of the nation's waters. Infrastructure funding under the EPA-STAG account provides financial assistance to States, municipalities, and tribal governments to fund a variety of water and wastewater projects. These funds are essential to fulfilling the federal government's commitment to provide adequate funding to construct the facilities that comply with federal environmental requirements to ensure public health and revitalize contaminated properties.

This project is a valuable use of taxpayer funds because when completed, the overall goal of the secondary water system is to relieve the demand on the overtaxed Central Utah Water Conservancy District (CUWCD) that provides water to the broader community, including Jordan Valley Water Conservancy District, Metro Water District, Utah County Water District, and others throughout the State. Furthermore, by utilizing secondary water from the Blackridge reservoir, demand is reduced on the CUWCD by 1 million gallons daily during the peak summer months. A dramatic reduction of this magnitude frees up the region's culinary water to be used throughout the greater community, ultimately stimulating needed residential and commercial development throughout the entire southwest Salt Lake Valley. Of particular interest, the National Security Agency (NSA) data center to be established at Camp Williams is projected to require up to two million gallons of water per day. By freeing up as much as one million gallons a day (during peak summer season) with Herriman's secondary

water system, the City will enable the NSA data center to have the required resources to maintain the critical national security mission of this installation.

AMOUNT: $1,100,000